A Synopsis on

A Case Study on Affiliated Colleges of Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani.

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1. Introduction:-

College education plays an important role in developing the knowledge power of any individual in society. College-level education is one of the various levels of learning platforms in the education sector, where value-based education is imparted in a wide variety of disciplines. College is the most important role of the educational institutions of society for the development of society and new creative minds, preservation of culture, and uplifting of humans in society. Dissemination of knowledge as well as custodian of traditional moral values for the growth of educational society. College education and research according to our needs and values in the traditional way of human life. During that time man has a creative mind which helps us to research the educational method of teaching, learning, and research in daily life. Nowadays all the good undergraduate colleges of higher education have started postgraduate level education as well and some m are recognized as research centers as well as library centers. The quality of teaching, learning, and research in a college largely depend on the quality of academic E-resources and services provided by the library.

Information has to merge as a prime in the 21st century based on Information and Communication Technology. ICT has exerted a profound influence on traditional academic to information and technology-based libraries. They have no option to adapt themselves to new acquiring services, developments, or resources especially due to the allocation of budgets. In this process, many more libraries have examined their traditional techniques and services to overcome through automation and computerized library and knowledge centers. In this process, many libraries are re-examining their traditional methods and services to eliminate inadequacies through automation, and the computerization is done. In that day's fast-growing digital surrounding areas, it has become imperative for the library and knowledge centers to fulfillment of ICT for the successful management of library housekeeping operations and provides user-centric library services to meet the expectations of the new generation of technical services to library users.

Information and communication technology (ICT) prepares libraries to participate in a rapidly changing world in which work and other library activities are increasingly transformed by access to varied and developing technologies. Libraries use ICT tools to find explore, analyze, exchange, and present information responsibly, creatively, and without discrimination. They learn how to employ ICT to enable rapid access to ideas and experiences from a

wide range of library users, communities, and cultures. The growth and development of Information and communication technology are playing a vital role in library and information science in the technological process of advancement of communicational society in a general and in particular places. Information service plays the main role in this journey of web development to get new stages of the web and one of the must keep in mind that involves challenges that go beyond new technology.

The application of ICT in the library basically employees on its daily housekeeping functioning like acquisition, circulation, stack verification, periodical management, and technical processing and so to prepare the yearly budget for the library. Digitization (Printed books to E-books) and other technological maintenance working in the library. To save time and the users as well as library workers, now a day's library computerization work is very much important for the library. ICT provides a technologically such platform through which librarians can provide enhancing and very much improve library services and their readers well from time to time. The collection can be of material such as print, electronic, audio, and visuals in numerous formats including maps and documents, microfilm, microfiche, cassettes, videotapes, CD-ROMs, DVDs, Video Games, Consortium, e-books, and audio books (Wikipedia, 2015). The library is the soul of any learning institution, which is the pivot of the teaching-learning process. The library plays an important role in providing information services to students, staff, teachers, and others.

1.2 Review of the Literature

The research carried out by the Government and private A, B, C, and D grade college libraries can help to understand the role of ICT and automation to make informative skills in users of those colleges. A lot of work has been published in the field of library automation in previous years, many of the authors suggested automation as a focal point in different types of libraries studies in a different location in Marathwada, keeping this in mind research attempted to study the libraries automation conditions in affiliated colleges of Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani. The following is the review literature that is forced to carry out this study.

Santana Phukon (2020) "Status of ICT infrastructure and automation in college libraries of Golaghat District of Assam: a case study." Pointed out the college libraries are presently context, ICT has far

reaching impact on the modern libraries without hardware on library service provide web based services to its users. As a resulting out in most of the college's automation process is not fully done due to proper planning, lack of hardware, lack of skilled man power, and lack of training.

Walmiki, R.H. & RAmakrishane gowda, K.C. (2009) "ICT infrastructure in University libraries of Karnataka" is the research article studied that the ICT infrastructure in the university libraries of Karnataka is still at different stages of development. Insufficient computers and hardware is a suitable software and lack of internet facilities with required bandwidth indicate that university libraries.

Jayamma K.V. & Krishnamurthy M (2015) the study was observed that majority of Bengore Govt. 1st graded college libraries have automated partially and all libraries managed by single librarian.

Hopkinson, Alan (2009) Library automaton in developing countries: the last 25 years Information Development, over all study as the power of the internet increases, particularly its bandwidth and its reliability, library automation in developing countries will have the same capabilities as the industrialized world, but not the finance to support it. In developed countries it is felt by some that the future of library automation lays in open source and by the paid software that provide software on their own hardware and the client access the data via the internet.

Chopra H.R. (1982) due to the changing of needs of information society and progress in the field of S&T, the old concept of librarianship has been changed now, the purpose of library is to provide to client specific and exhaustive information within the minimum possible time almost every library job performed in a library need to automation for prompt results.

In addition to the literature reviewed here, many more studies and surveys were carried out on the provision and use of ICT and its ICT applications in the library and information service and as well as the assessment of competency skills among the library and professionals in handling the ICT libraries. Status of ICT infrastructure in college libraries affiliated colleges to Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani. With the research objectives to be covered in this study.

1.3 Objectives of the study

- To identify the current status of library automation in Affiliated to Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani;
- To Find out the library management software used for library automation;
- To Know the library automation infrastructure of these college libraries;
- To find out the details of internet connection, connectivity types and power back-up system;
- To find out the use of e resources; and
- To find out the use of subjective database subscribed.

1.4 Hypotheses

- Agriculture related colleges affiliated to Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani.
- To study the competency skills among the library professionals college affiliated to Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani.
- To current scenario of ICT infrastructure for college libraries affiliated to the Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani.
- To find out the library management software used for library automation in this university.
- A model of ICT infrastructure is the requirement of college libraries.

1.5 Scope and limitation of the study

The study is confined to the following points:

- To present scenario of ICT infrastructure for college libraries affiliated to Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani.
- To the study of competency skills among the library professional college affiliated to Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani.
- To study the existing of ICT Infrastructure used for college library services in the college libraries, college affiliated to Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani.

1.6 Questionnaire Design

Questionnaire is often used in survey as primary data collection tools, questionnaire is a device for securing answer to question by using a form which

the respondent files it is fairly reliable too for gathering data from large varied and scattered social group

1.7 Chapterization

1) Introduction

- **1.1 Statement of the problem**
- **1.2 Significance of research**
- **1.3 Review of literature**
- **1.4 Scope and limitation**
- **1.5 Objectives of the study**
- **1.6 Hypothesis**
- **1.7 Research Methodology**
- **1.8 Data Collection**
- **1.9 Data Analysis**
- **1.10 Conspectus**

2) Literature Review

3) Data Collection,

4) Data Analysis and Interpretation

5) Findings and conclusion

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Appendix

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